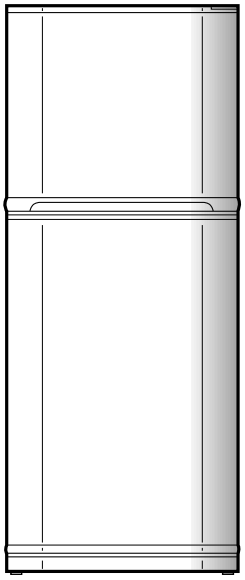
SHARP SERVICE MANUAL

S7839SE55BPWO



REFRIGERATOR-FREEZER

MODELS **SJ-48H-WH**
SJ-51H-WH
SJ-55H-WH

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

DESTINATION .....O

Refrigerant; HFC-134a
Refer to "HFC-134a COOLING UNIT" Service Manual for handling this refrigerant.

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SHARP CORPORATION

SPECIFICATIONS

Items		SJ-48H	SJ-51H	SJ-55H
Type		2-Door	2-Door	2-Door
Outer dimensions (Including spacer)	Height	1620mm(63.8")	1700mm(66.9")	1820mm(71.7")
	Width	735mm(28.9")	735mm(28.9")	735mm(28.9")
	Depth	705mm(27.8")	705mm(27.8")	705mm(27.8")
Rated storage volume		443 liter (15.6 cu.ft) F: 139 liter (4.9 cu.ft) R: 304 liter(10.7 cu.ft)	473 liter (16.7 cu.ft) F: 139 liter (4.9 cu.ft) R: 334 liter(11.8 cu.ft)	521 liter (18.4 cu.ft F: 139 liter (4.9 cu.ft) R: 382 liter(13.5 cu.ft)
Rated gross volume		475 liter (16.8 cu.ft) F: 163 liter (5.8 cu.ft) R: 312 liter(11.0 cu.ft)	505 liter (17.8 cu.ft) F: 163 liter (5.8 cu.ft) R: 342 liter(12.0 cu.ft)	550 liter (19.4 cu.ft) F: 163 liter(5.8 cu.ft) R: 387 liter(13.6 cu.ft)
Defrosting	System	Heater system		
	Start	Automatic		
	Finish	Automatic		
Temperature control		Automatic (Adjustable)		
No-frost freezer		Yes		
Interior lamp		1		
Caster		4		
Evaporating pan		1		
Refrigerator Compartment	Refrigerator shelf S	—	1	1
	Refrigerator shelf L	1	1	2
	Glass shelf	1		
	Fruit and Vegetable crisper	1		
	Egg pocket	1		
	Egg holder	2		
	Bottle pocket	2		
	Free pocket	1		2
	Chilled case	1		
Freezer Compartment	Freezer shelf L	1		
	Freezer shelf S	1		
	Ice cube maker	Twin ice cube maker		
	Ice cube box	1		
Deodorizing system		No		

SOURCE, RATING AND NET WEIGHT

Items		SJ-48H	SJ-51H	SJ-55H
Rated voltage	(V)	220/230/240		
Rated frequency	(Hz)	50		
Climate class		T		
Rated input	(W)	172/178/184	182/186/190	
Rated input of heating element	(W)	137/150/163		
Refrigerant (Charging quantity)		HFC-134a(125g)	HFC-134a(130g)	
Net Weight	(kg)	79	84	88

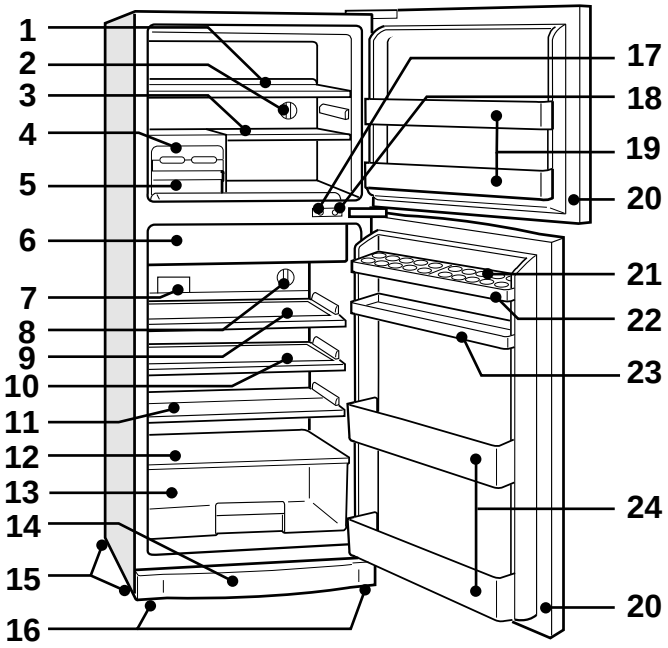
COLOR

Items	SJ-48H-WH, SJ-51H-WH, SJ-55H-WH
Outside color	White
Inside color	White

OPTIONAL ITEM

SJ-L815HD(REFRIGERATOR HINGE KITS). For changing the door to left side opening.

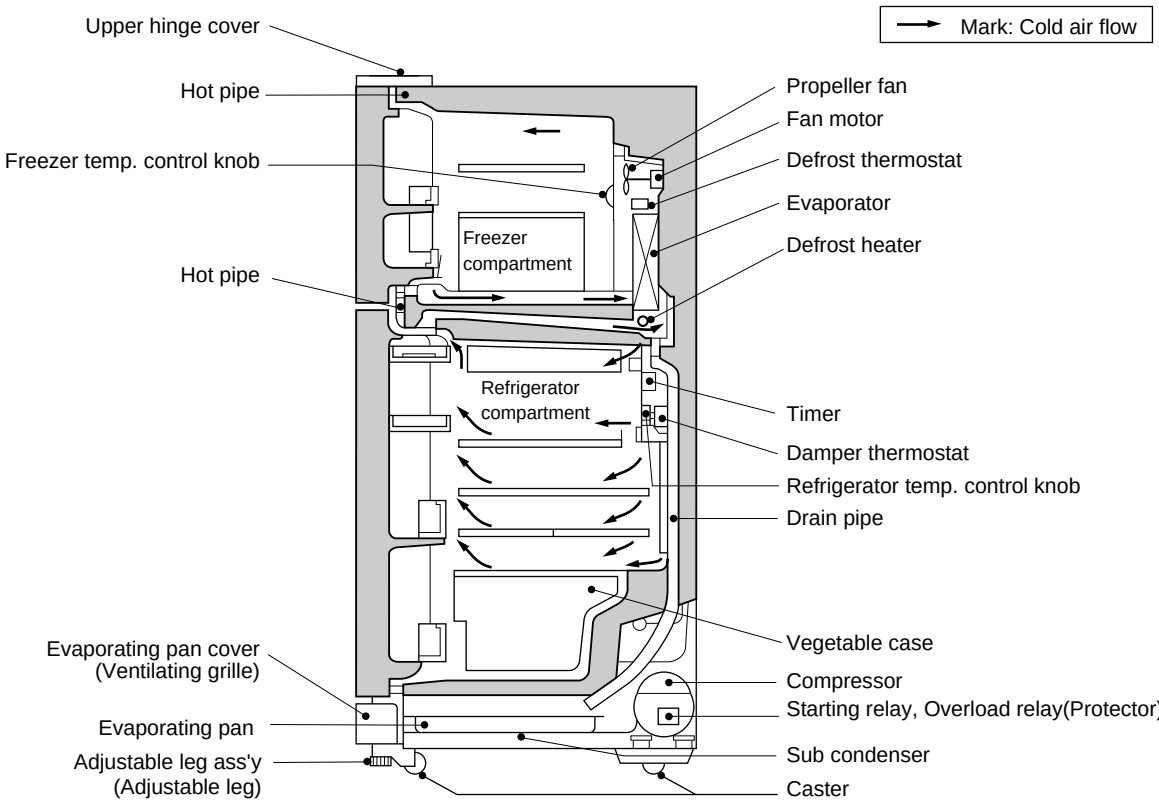
DESIGNATION OF VARIOUS PARTS



The names in parenthesis are the denominations used in the REPLACEMENT PARTS LIST.

1. Freezer shelf (LARGE) (Freezer tray L)
2. Freezer temp. control knob
3. Freezer shelf (SMALL) (Freezer tray S)
4. Ice cube maker
5. Ice cube box (Ice storage box)
6. Chilled case
7. Light (Lamp)
8. Refrigerator temp. control knob
9. Refrigerator shelf S (Ref. tray ass'y) (SJ-51H, SJ-55H only)
10. Refrigerator shelf L (Ref. tray L ass'y) (SJ-48H 1, SJ-51H 1, SJ-55H 2)
11. Three position adjustable shelf (Free set shelf)
12. Glass shelf
13. Fruit and Vegetable crisper (Vegetable case)
14. Evaporating pan & Cover
15. Caster
16. Adjustable feet (Adjustable leg ass'y)
17. Fan switch
18. Fan & light switch
19. Freezer pocket (F door pocket HS)
20. Magnetic door seal (Door packing)
21. Egg holder (Egg tray)
22. Egg pocket (Egg pocket HS)
23. Free pocket (Utility pocket HS) (SJ-48H 1, SJ-51H 1, SJ-55H 2)
24. Bottle pocket (Bottle pocket HS)

Figure D-1. External Description



※ This figure shows SJ-51H.

Figure D-2. Constructions

LIST OF ELECTRICAL PARTS

ITEMS	TYPE NAME	RATING	SPECIFICATIONS
F-Thermostat	MM1-8025	125V 6A 250V 3A	(At normal notch) ON/OFF : -17/-22˚C
Defrost thermostat	US-602S	250V 8A	Open/Close : 10/1˚C
Thermo. fuse	SF70E	250V 10A	Working temp. : 70˚C
	MGT4A50072	250V 10A	Working temp. : 72˚C
Fan motor	3R00044B	220 - 240V 50Hz	Working with ø100 fan
Defrost heater	MM6-4015	at 230V 150W(220-240V)	Without deodorizer
Door switch	MM1-7B01	250V 0.25A	3 terminals push-button type
Damper thermostat	MM1-6129	—	Open/Close : 0.5/-4˚C
Defrost timer	TMDF904FD2	220-240V 50Hz	Integration type Cycle time : 10.8 hours(50Hz) Delay time : 4.3 min.(50Hz)
Lamp socket	—	250V 1A	E-12(Hard plastic body type)
Lamp	—	240V 10W	E-12

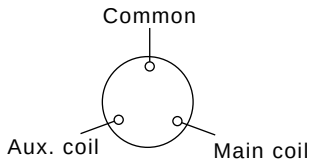
SJ-51H, SJ-55H

Compressor	GL-99BH	220-240V/50Hz	Cooling capacity : 210kcal/h(50Hz) Main/Aux. coil : 8.5/15.0Ω(at 20˚C)※
Starting relay	PTH490D35AS 140N320-T	—	14Ω±20%
Protector	4TM308NFBYY	—	Open/ Close : 120/61˚C
Running capacitor	—	400VAC 6μF	—

SJ-48H

Compressor	GL-90BH	220-240V/50Hz	Cooling capacity : 192kcal/h(50Hz) Main/Aux. coil : 8.8/17.7Ω(at 20˚C)※
Starting relay	PTH490D35AS 140N320-T	—	14Ω±20%
Protector	4TM276NFBYY	—	Open/ Close : 120/61˚C
Running capacitor	—	400VAC 6μF	—

※COIL POSITION OF COMP.



WIRING DIAGRAM

Be sure to replace the electrical parts with specified ones for maintaining the safety and performance of the set.

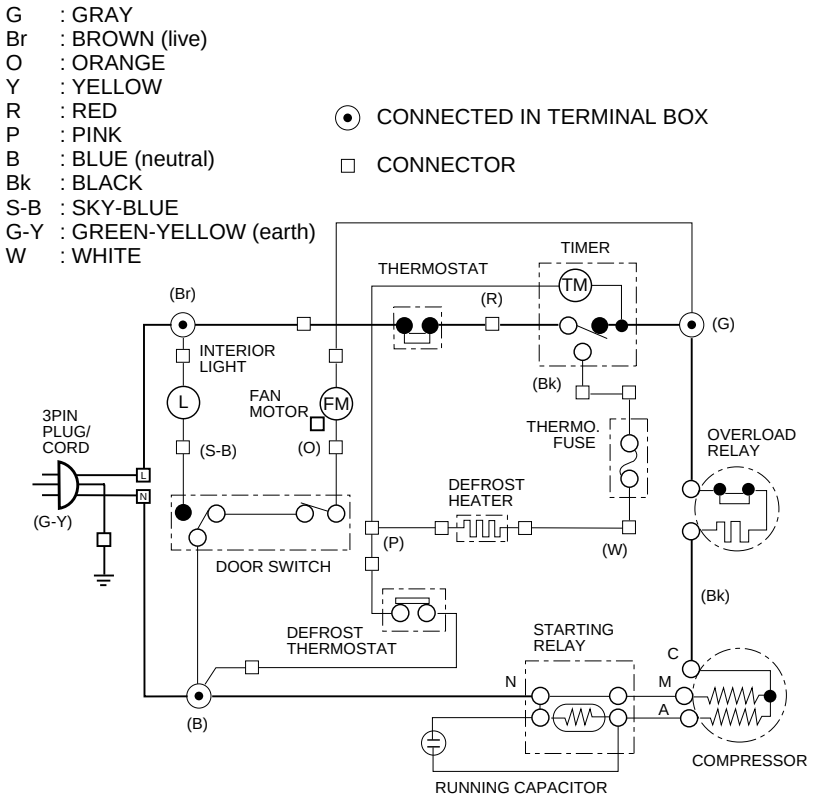


Figure W-1. Wiring Diagram

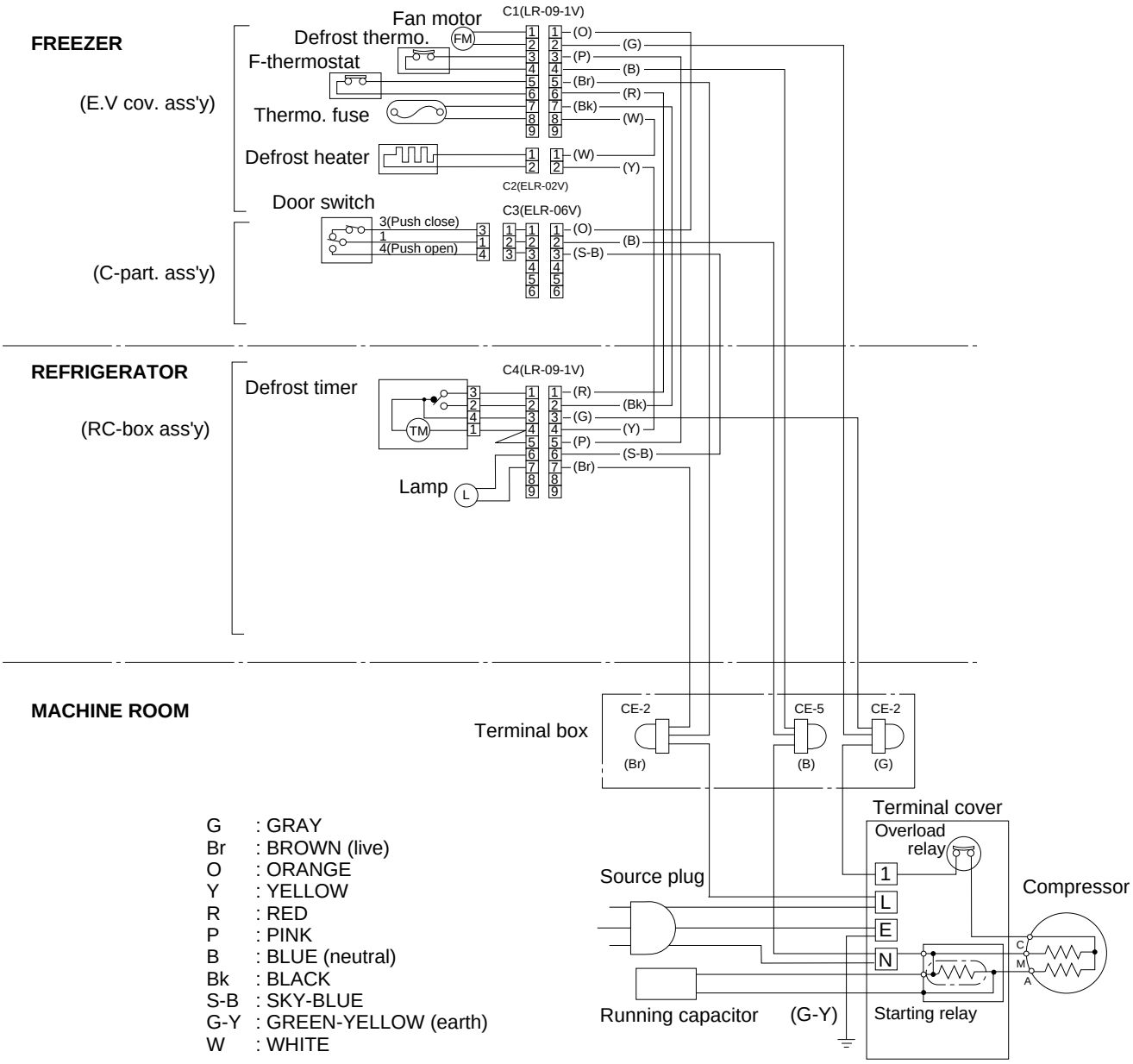


Figure W-2. Electric Accessories Layout

FUNCTIONS

1. ADJUSTABLE TEMPERATURE CONTROL

(1) Temperature control of freezer

- Thermostat (senses freezer temperature) operates on ON/OFF switch over to control the compressor and allows the freezer temperature to keep at a suitable temperature.
- However adjust the freezer temp. control knob as follows depending upon the storing condition of foods.

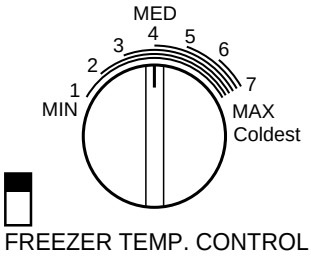


Figure F-1.

KNOB SETTING	PURPOSE
MAX(Coldest)	● For making ice rapidly or fast freezing.
⬆	● When restocking with fresh food.
MED	● For normal freezing.
⬇	● For storing frozen food for a short period (up to one month).
MIN	● When frozen food or ice cream is not stored.

(2) Temperature control of refrigerator

- Damper-thermostat senses temperature of the refrigerator and changes the opening angle of the damper automatically.
  However, as the Damper-thermostat has no function to switch on or off the compressor and cool air circulating fan, the freezer temperature control causes temperature in the refrigerator to vary to some extent.
- However, adjust the refrigerator temp. control knob as follows depending upon the cooling condition.

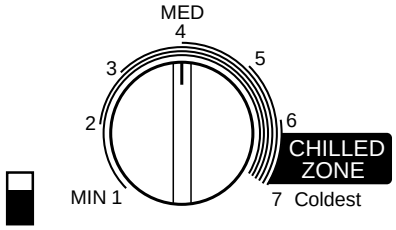


Figure F-2.

KNOB SETTING	PURPOSE
CHILLED ZONE (Coldest)	● For keeping freshness of food longer.
⬆	● When the refrigerator does not provide sufficient cooling.
MED	● For normal operation.
⬇	● When the refrigerator provides excessive cooling.
MIN	

NOTE:
- The refrigerator temperature is affected also by the freezer temperature. If the freezer temp. control knob is set at the position "MAX", the temperature tends to be lower than the following values, and if set at near the position "MIN", temperature tends to be higher.
- If the refrigerator is operated for a long time with the freezer temperature control sets the "MAX" position, foods stored in the refrigerator compartment may also freeze.
- When refrigerator temperature control sets to the "CHILLED ZONE", some foods stored may freeze.
  In this case adjust control set back to the "MED" position.
- When refrigerator temperature control sets to the "CHILLED ZONE", some foods stored in fresh cases may also become frozen.

(3) Reference value of temperature

SETTING OF FREEZER TEMP. CONTROL KNOB	MAX (Coldest)	MED	MIN
Freezer temperature	Approx. -21˚C	Approx. -18˚C	Approx. -15˚C

SETTING OF REFRIGERATOR TEMP. CONTROL KNOB	CHILLED ZONE (Coldest)	MED	MIN
Refrigerator temperature	Approx. 0˚c	Approx. 3˚c	Approx. 6˚c
Chilled room temperature	Approx. -3˚c	Approx. 1˚c	Approx. 4˚c

The values shown above refer to the case where the freezer temp. control knob is set at "MED".

The values shown above refer to the measurement carried out center area and 1/3 of overall height from the bottom at each of the refrigerator and the freezer after machine has been operated at an ambient temperature of 30˚C with no food stored and the door closed until the temperature is stabilized.
The values vary depending upon frequency of opening and closing the door, ambient temperature, amount of stored foods and manner of storing foods.

2. DEFROSTING

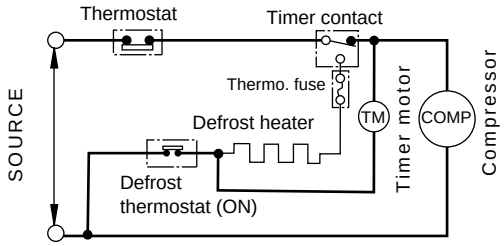
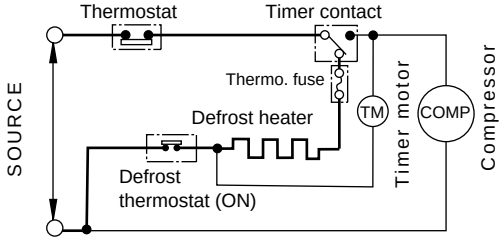
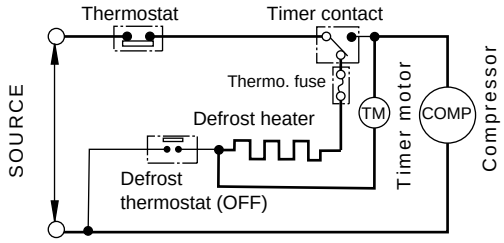
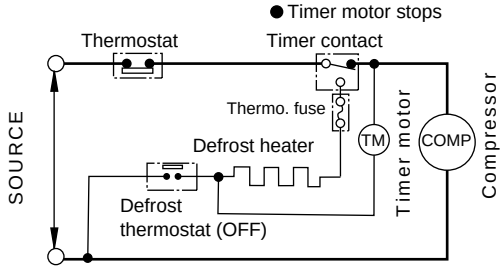
(1) No defrosting operation is necessary

No defrosting operation is necessary.
As this machine is so designed that a built-in evaporator cools air and a fan circulates cooled air, neither the freezer nor the refrigerator is frosted, though the evaporator is frosted.
The frosted evaporator is defrosted automatically due to the function of defrosting timer and heater, requiring no defrosting operation.

(2) Where is melted ice brought

1. Melted ice is brought into the evaporating pan at the bottom of the set and is evaporated here by the heat of sub condenser.
2. Be sure to use the evaporating pan as inserted so as to be level with the outer case.

(3) The following circuit diagrams in the table show automatic defrosting function of the refrigerator with timer and defrost thermostat.

Operation	Electric diagram	Description
1. Cooling (Normal)	● Defrost thermostat ON ● Compressor running ● Timer motor running  Figure F-3.	The integration timer integrates running time of the compressor. When it reaches 10 hours 50 min. at 50Hz, the timer contact is changed to start defrosting.
2. Defrosting (Time 20 to 30 min.)	● Defrost thermostat ON ● Compressor stops ● Timer motor stops  Figure F-4 .	● The timer contact is changed to start defrosting, the timer motor stops, and power is supplied to the defrost heater. ● It takes about 20 to 30 min. to defrost. When little frosted, the defrosting takes little time. When much frosted, the defrosting takes much time.
3. Drain (Time approx. 5 min.)	● Defrost thermostat OFF ● Compressor stops ● Timer motor running  Figure F-5.	When the defrost thermostat becomes OFF, the timer motor starts running. During the operation time(4 min. 20sec. /50Hz) defrosted water is drained outside the refrigerator.
4. Restart (Time approx. 5 min.)	● Defrost thermostat OFF ● Compressor running ● Timer motor stops  Figure F-6.	● Timer contact is changed to cooling operation and the compressor starts running and the timer motor stops. ● Defrost thermostat contact becomes ON when it's cooled. And the timer motor starts running. (Figure F-3.)

(4) As a reference to determine the causes of trouble, malfunction and phenomena are described below. Refer to the following when repairing.

1. Disconnection of defrost heater
As off-cycle defrosting is performed, the defrosting time is extremely prolonged. Each time defrosting is started, the freezer temperature rises and a portion of ice and stored foods are melted.

2. Melted thermo. fuse or opened-circuit due to the defect of defrost thermostat.
When the above mentioned trouble occurs in cooling operation, the timer motor does not run, defrosting will not take place, and consequently freezing is caused. In the above mentioned condition, when the timer shaft is turned by hand to defrost, the timer motor runs during the operation time. However, the motor stops from the time when the contact is changed, and freezing causes.

NOTE:
- As the thermo. fuse assembly is intended to prevent dangers, do not use it under shorted condition even for a short period.

3. DEW PREVENTION

The hot pipe, namely D.P.-condenser, is arranged around the flange part of cabinet and the C-partition plate, preventing dew from being generated on the cabinet.

NOTE:
- D.P.-condenser pipe may be felt hot if touched by hand while the compressor is in operation.
- If you are asked about this, please explain that the hot pipe serve to prevent the dew generation.

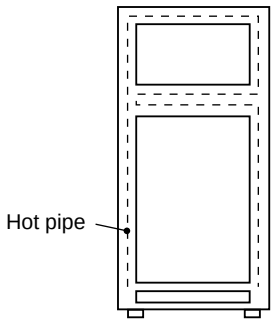


Figure F-7

4. INSPECTION OF INITIAL STARTING

(1) Inspection of cooling unit

1. Set the temperature control knob to "MAX" and check that the compressor starts to operate.
2. Depress the door switch to run the fan and check that cool air is blown out of the cold air outlet of the freezer and the refrigerator.
3. When the compressor does not work, check that the timer is not set to "defrost" position.
4 It takes about an hour and a half or two hours to put food in the refrigerator after starting operation.

NOTE:
- After return the temperature control knob to "MED" position.
- When the refrigerator is operated initially after installed, the compressor may vibrate excessively for 1 to 2 min. However, vibration becomes normal if it is continuously operated.

(2) Inspection of defrost device

Operate the refrigerator for 20 to 30 min. and then check the defrost device in the following procedures :
Allow 5 min. to restart the compressor since immediate starting after stopping will cause unsmooth operation.

1. Turn the timer shaft clockwise with a screw driver.
   At this time, make certains the timer clinks and the compressor stops.
2. After more than 5 min., turn the shaft further to operate.
   Make certain cooling operation is started again.

NOTE:
- It's not necessary to switch the timer by changing of source frequency (50Hz, 60Hz).

MODIFICATION PROCEDURE OF THE DOOR OPEN SIDE

It is possible to change the door to left side opening.
To modify the door to left side opening, REFRIGERATOR HINGE KITS (for left side opening) SJ-L815HD (optional item)is necessary.

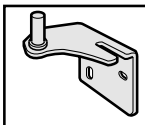
SJ-L815HD OPERATION MANUAL

SHARP

REFRIGERATOR HINGE KITS (for left side opening)
Model SJ-L815HD

These kits are used to change the refrigerator doors from right to left opening.
If you wish to change the door to left opening for some reason, such as restricted installation space, **ask your authorized service agent for this modification**.

Parts list

			
A Bottom hinge L	B Stopper spring L (for upper door)	C Stopper spring L (for lower door)	D Nylon bearing (for upper door)

E Nylon bearing (for lower door)	F Bearing cap	G Screw cover (2 pieces)	H Screw cover	J Silicon grease

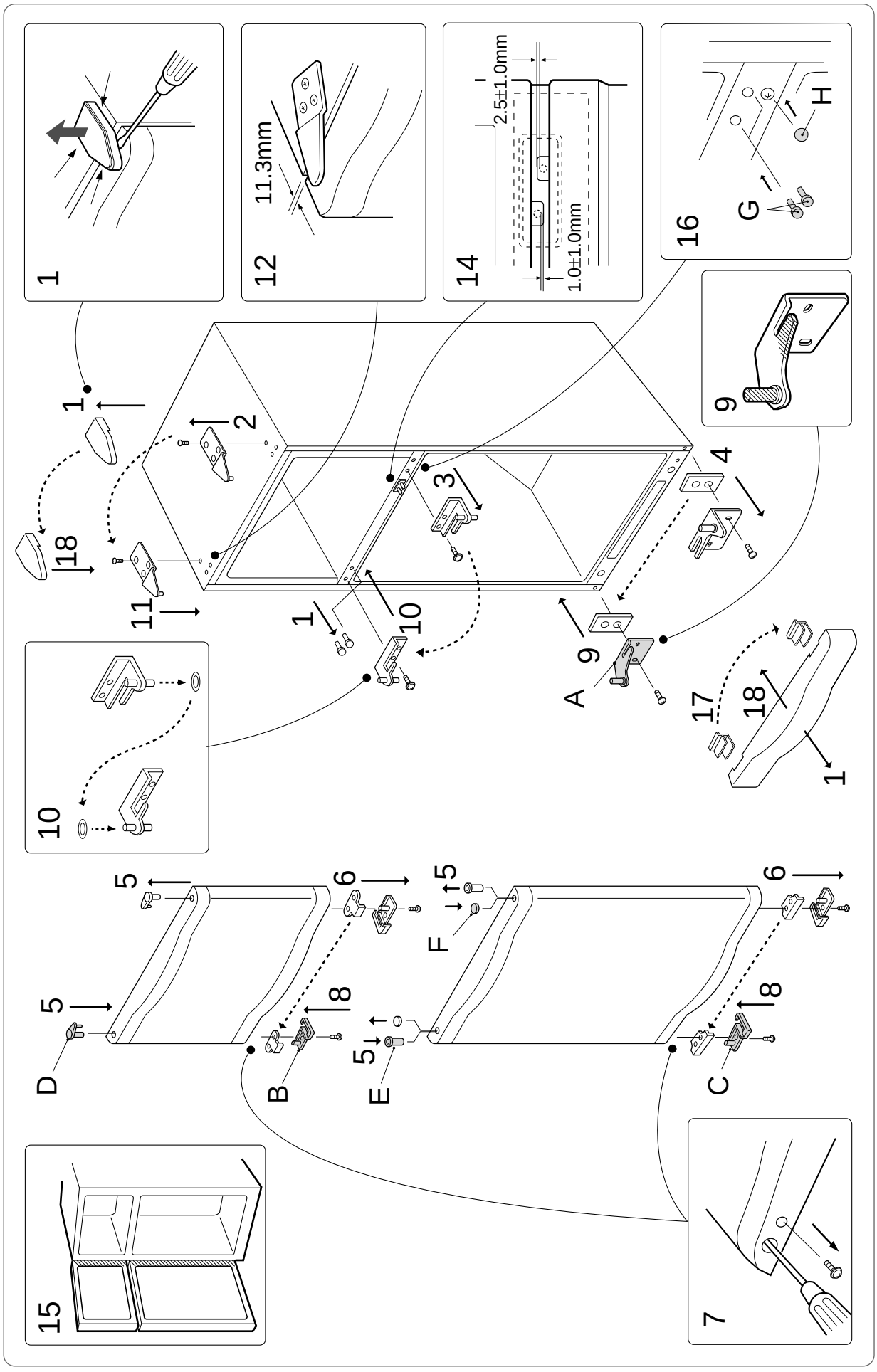
Tools required
- Cross head and flat blade screwdrivers
- Socket wrench or spanner (8 mm) (The socket wrench or spanner is used to detach and attach hinges.)

Caution
- Caution should be taken when handling the doors. These are heavy and could cause personal injury if mis-handled.
- Always tighten screws securely.
- Reattach the door paying careful attention to the door alignment.
  Failure to fit the door correctly might cause cooling air to leak out and lower the refrigerating capability.

Fitting Instruction

Symbols used in the drawing have the following meanings.
1 - 18 : Modification procedure No.
⟶ : Detach/Attach
- - -→ : Move

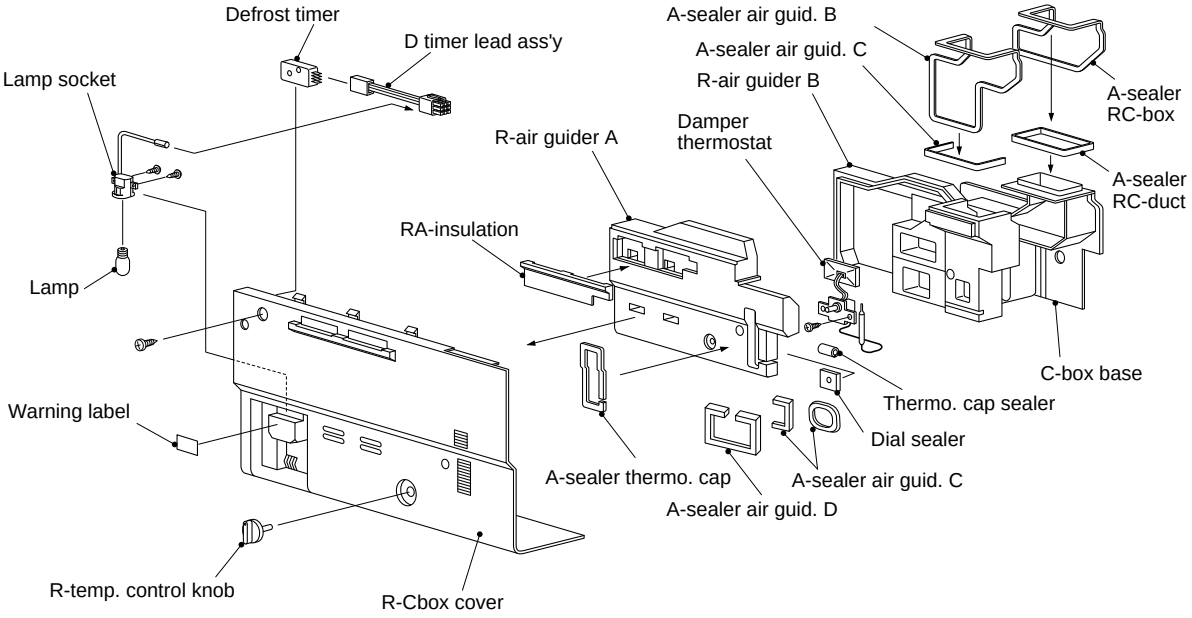
1. Remove the evaporating pan cover, upper hinge cover, and 2 screw covers.
   (Carefully remove the upper hinge cover using a screwdriver, making sure that the door cap is not damaged.)
2. Remove the upper hinge and detach the upper door. (To remove the door, lift it off the center hinge.)
3. Remove the center hinge and lift the lower door off the bottom hinge.
4. Remove the bottom hinge and spacer.
5. Remove the nylon bearing and bearing cap on the top of each door and attach the parts D, E, and F.
6. Remove the door stopper and stopper spring on the bottom of each door.
7. Remove the screw on the left of the door bottom and make a hole with a screwdriver for the insertion of the stopper spring.
8. Attach each door stopper and the parts B and C.
9. Apply silicon grease J to the shaded portion ▨ of the part A and attach it to the left side together with the spacer.
10. Insert the lower door and fit the center hinge. If the washer is provided, install it ON top. Tighten the screws temporarily.
11. Fit the upper door and attach the upper hinge. Tighten the screws temporarily.
12. Adjust the alignment of the door. Ensure that the gap between the cabinet and door cap is 11.3 mm. Tighten the upper hinge screws.
13. Secure the upper door. Open the lower door and tighten the center hinge screws. (No drawing is provided.)
14. Check that the distance to activate the door switch is correct and that each door opens and closes smoothly.
    To readjust the door position, loosen the center and bottom hinges.
15. Apply silicon grease J to the shaded portion ▨ of the door packing.
16. Attach the parts G and H.
17. Fit the cap in the evaporating pan cover into the notch on the right.
18. Reattach the evaporating pan cover and upper hinge cover.
19. After the above steps have been completed, check that each door functions correctly and that the interior lamp lights up and goes off when the door is opened and closed. (No drawing is provided.)


1
12
11.3mm
14
I
2.5±1.0mm
1.0±1.0mm
16
H
G
9
2
3
4
18
11
10
A
17
18
10
5
6
D
8
B
F
E
C
15
7

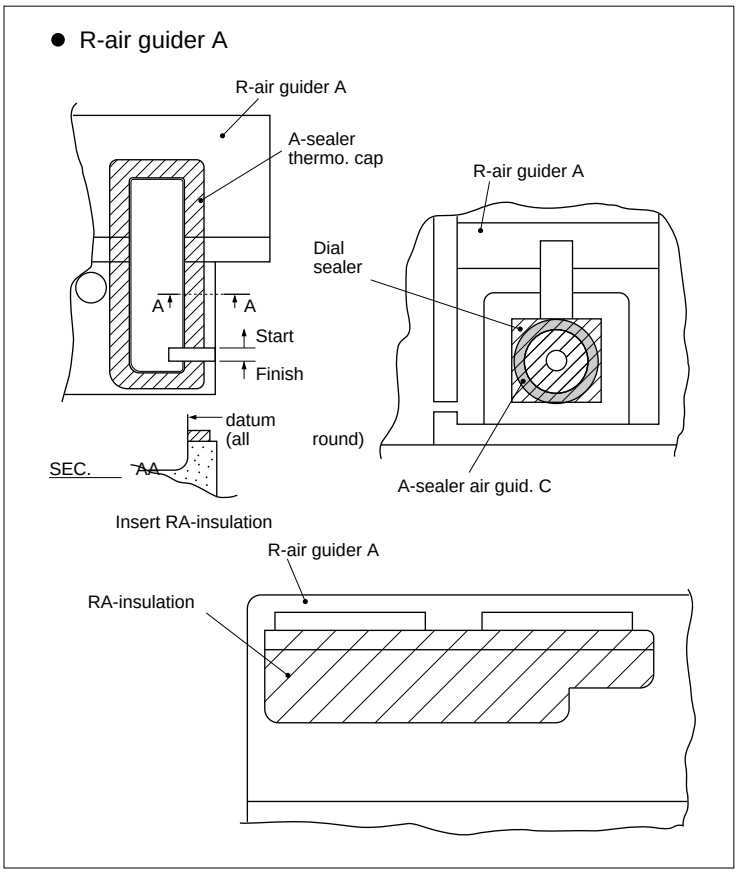
ASSEMBLING PROCEDURES OF MAIN PARTS AND CAUTIONS

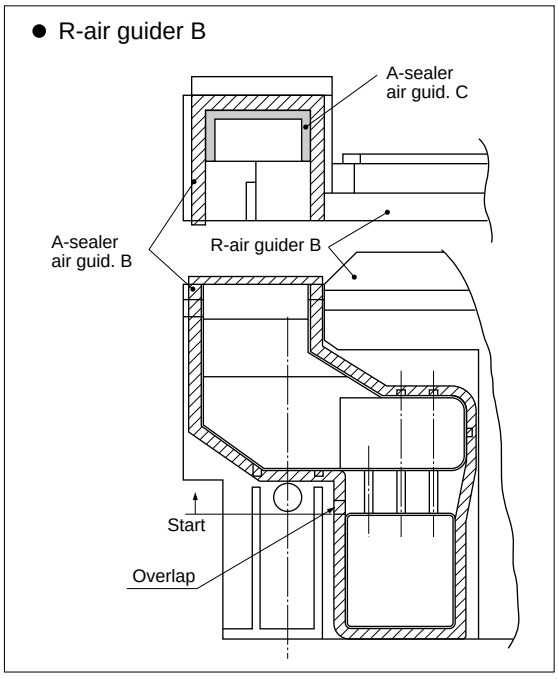
CAUTION: DISCONNECT THE UNIT FROM THE POWER SUPPLY BEFORE ANY REPAIRING.

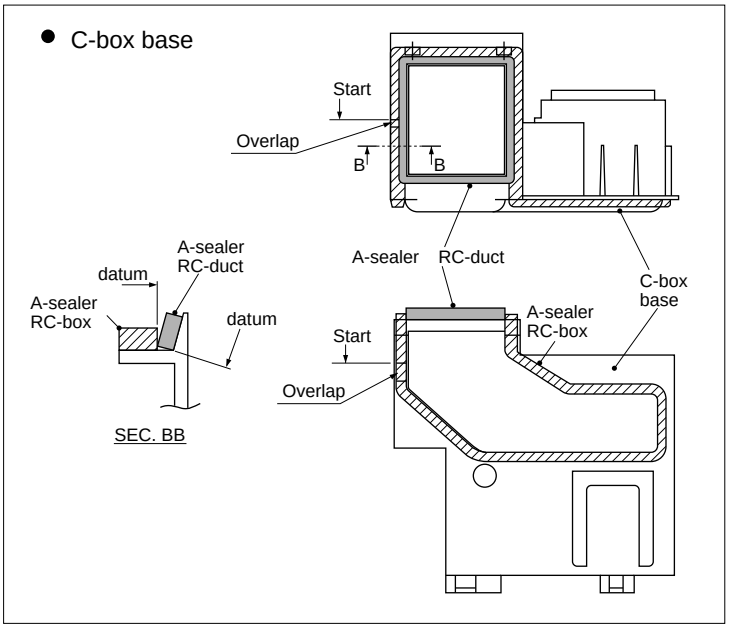
1. R-CONTROL COV. ASSEMBLY

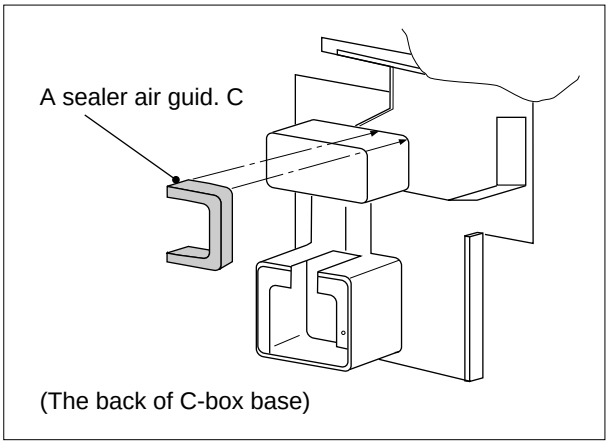


(1) Sticking of sealer

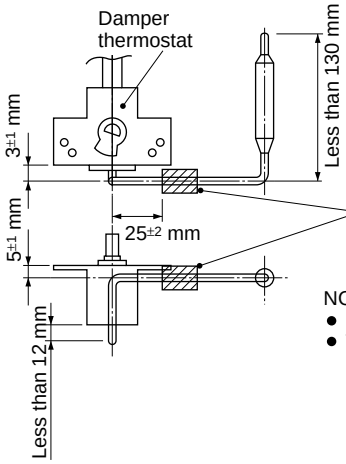






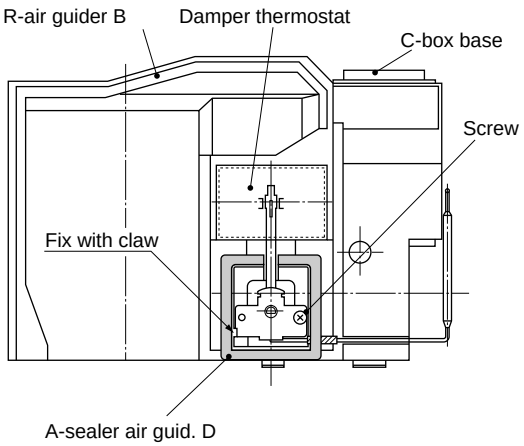


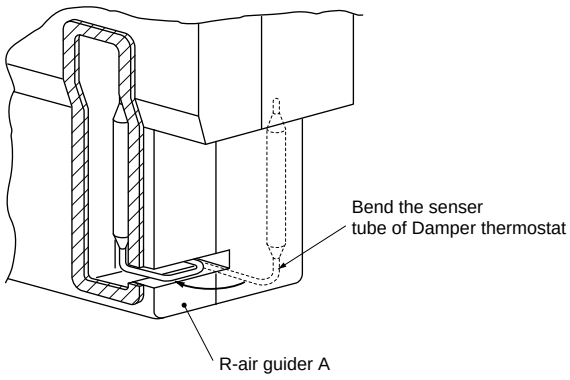
(2) Forming sensor of Damper thermostat

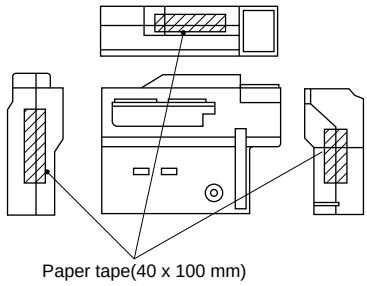


NOTE
- Minimum bending radius is R5.
- There should be no gas leak by reforming of sensor tube.

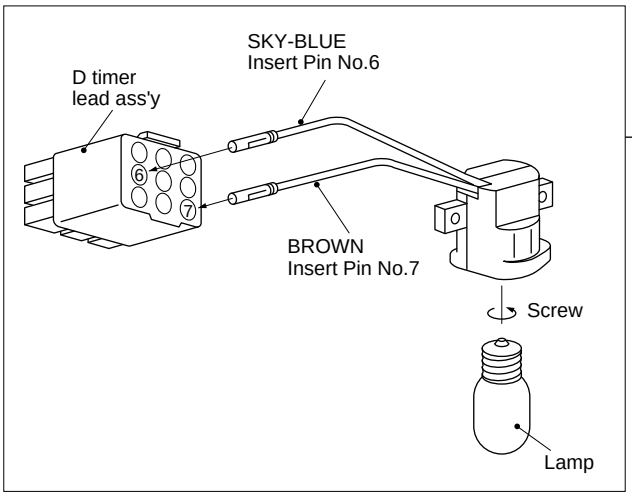
(3) Setting of C-box base, Damper thermostat, R-air guider A and R-air guider B

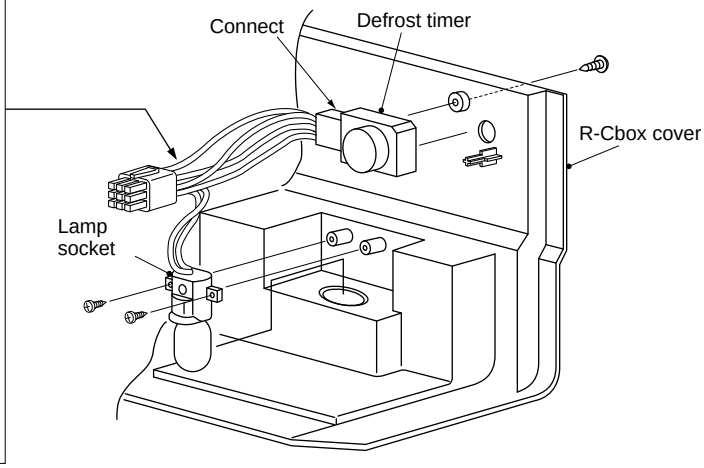




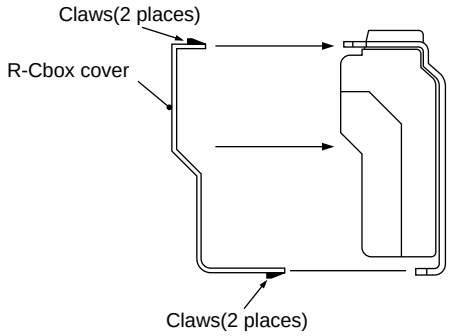


(4) Fixing of Lamp socket, Defrost timer

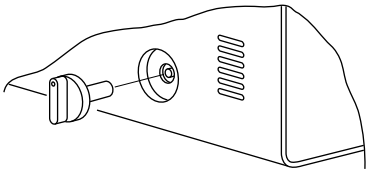




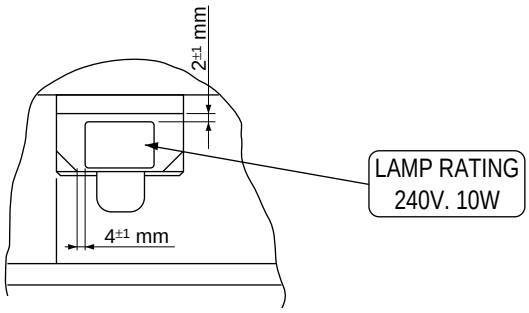
(5) Fixing of R-Cbox cover



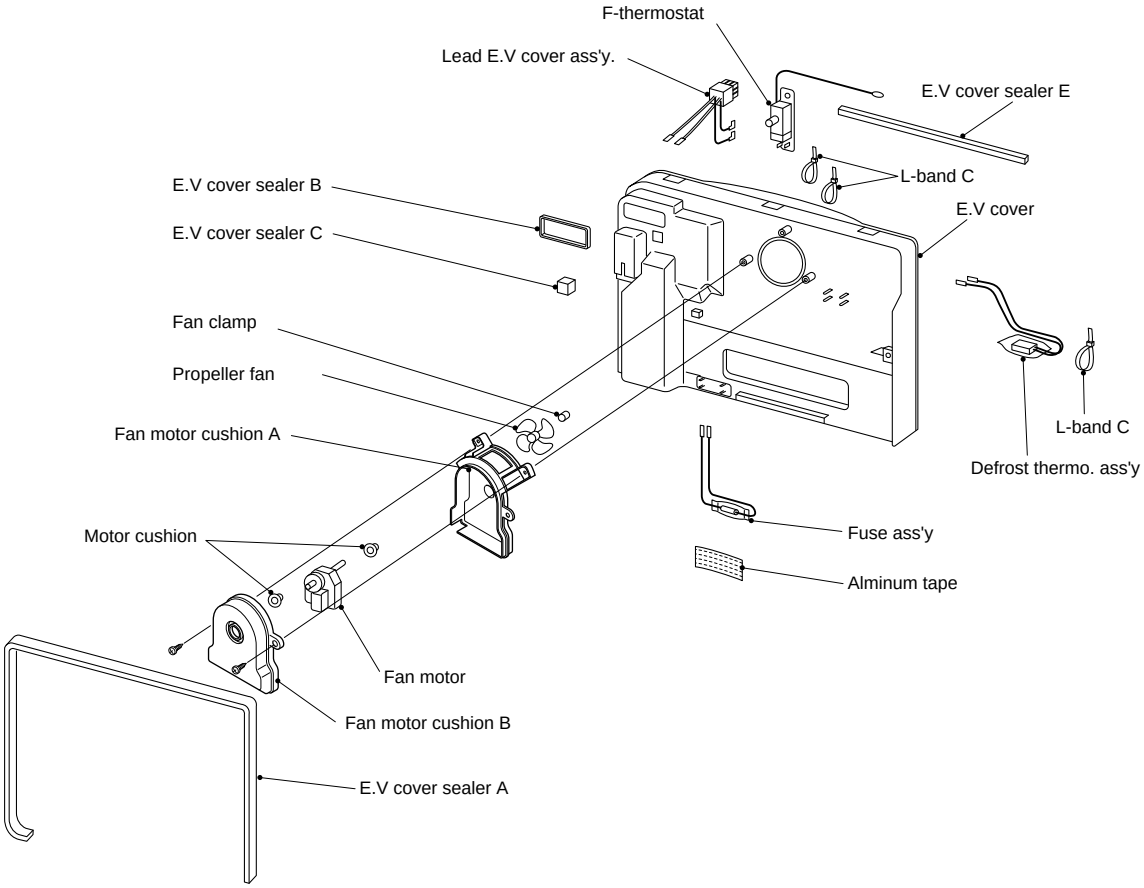
- Set R-temp. control knob



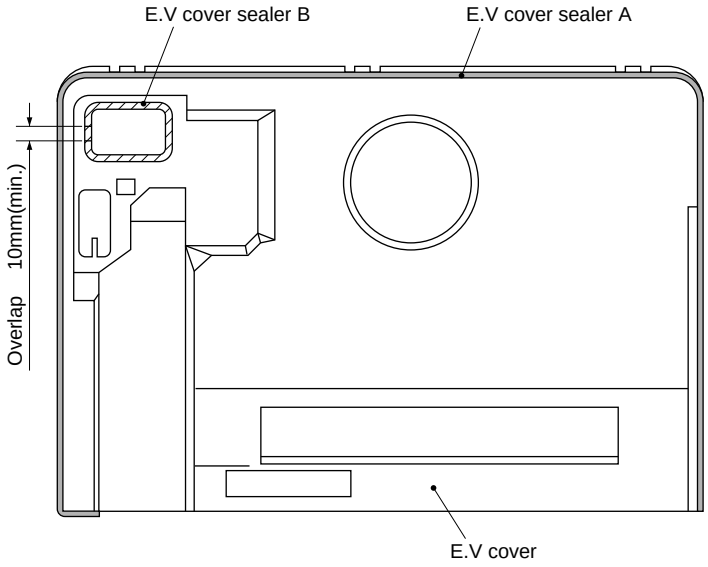
- Stick Warning label



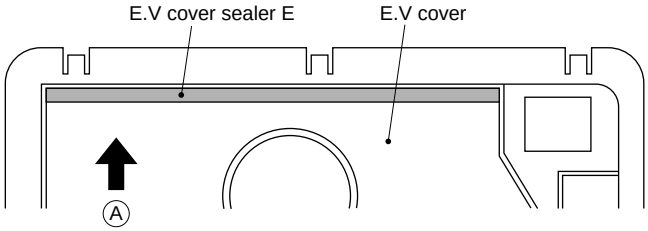
2. E.V COVER ASSEMBLY



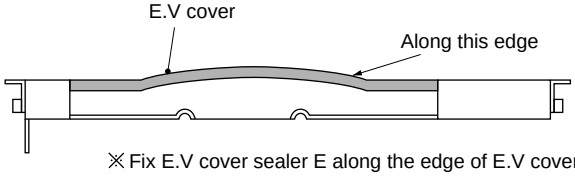
(1) Sticking of sealer to E.V cover



[Front View]

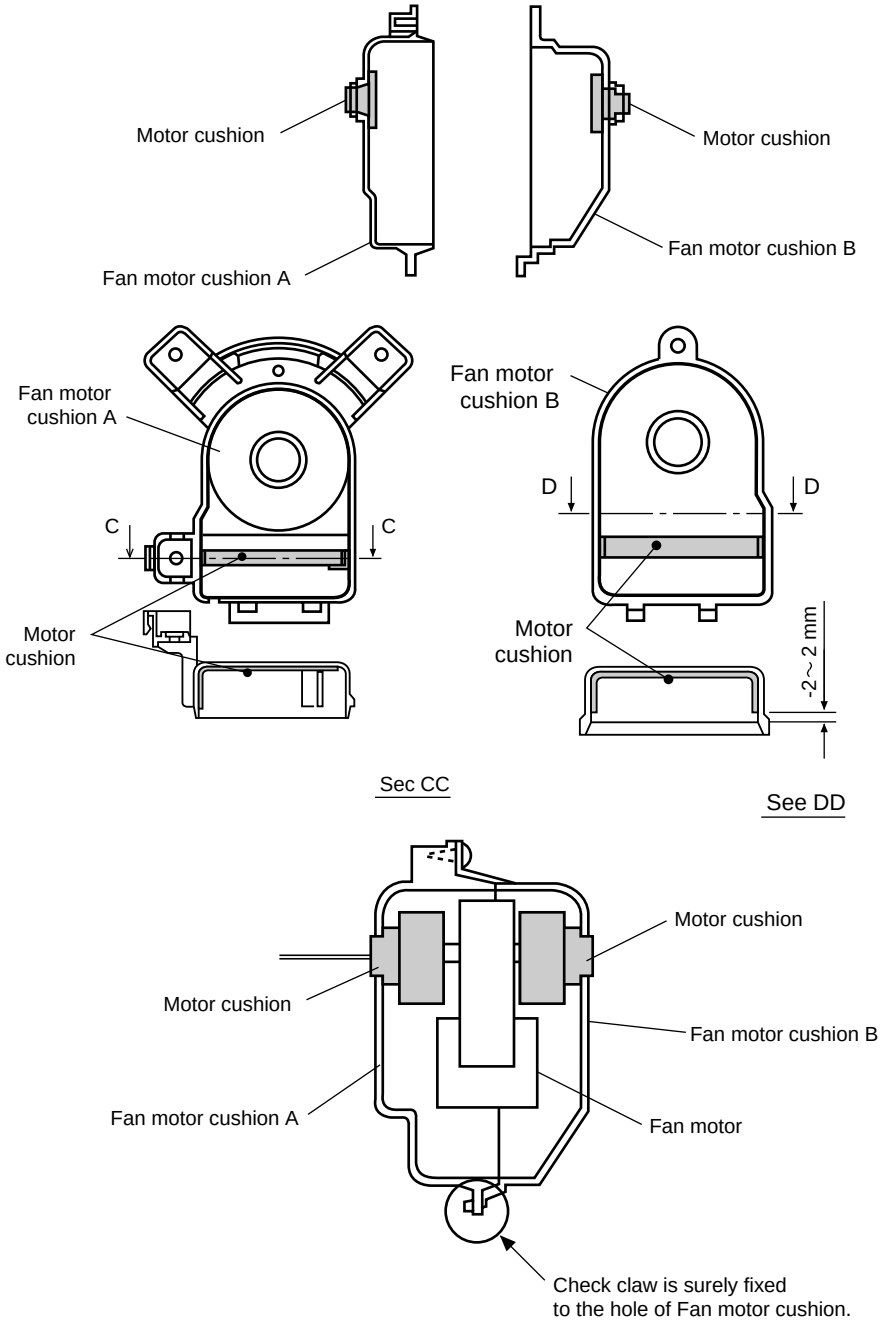


[View from Ⓐ direction]

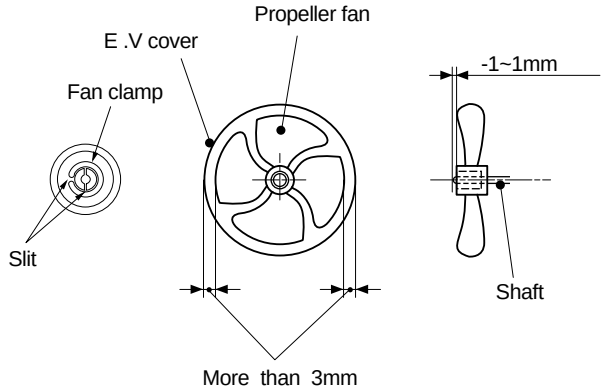


※ Fix E.V cover sealer E along the edge of E.V cover.

(2) Fixing of Fan motor and Fan

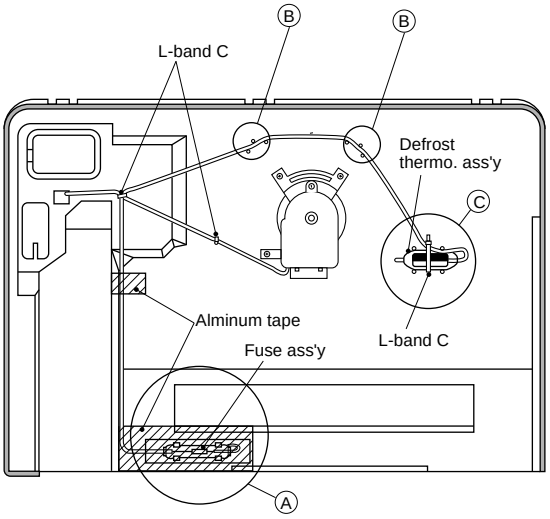


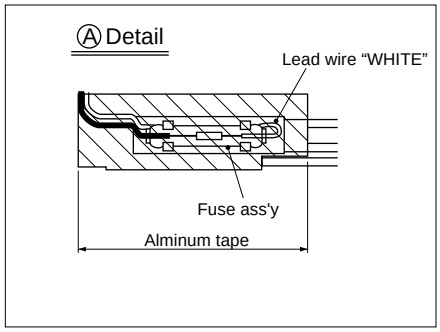
Set Fan clamp to Propeller fan and insert it to the shaft of Fan motor.

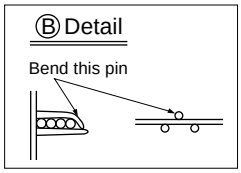


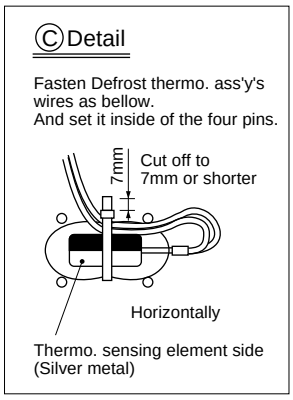
Slit of each Fan clamp and Propeller fan should not be at same position.

(3) Wiring of Lead Wire

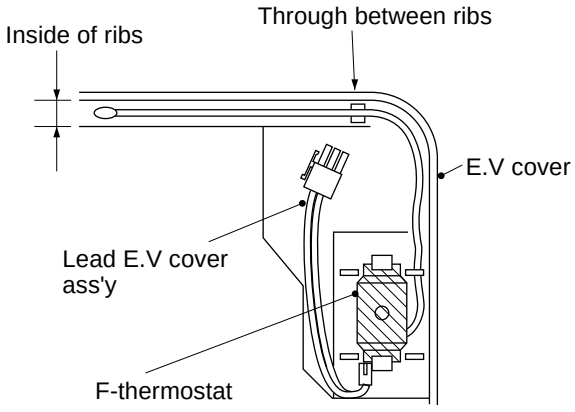


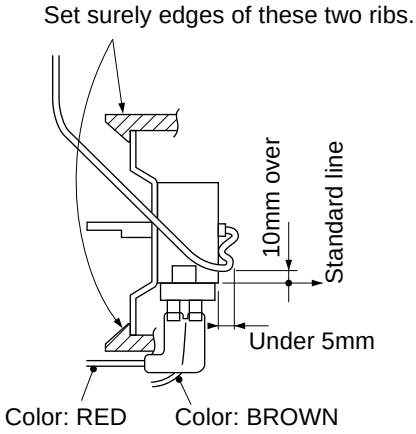




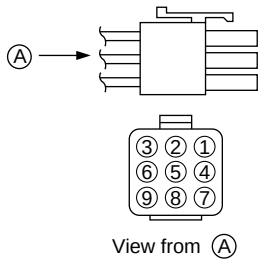


(4) Setting of Lead E.V cover ass'y and F-thermostat



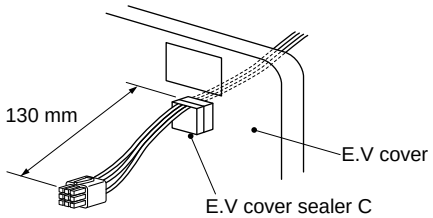


(5) Wiring of Connector



1. Lead E.V cover ass'y
2. Lead E.V cover ass'y
3. Pink lead of Defrost thermo. ass'y
4. Blue lead of Defrost thermo. ass'y
5. Lead E.V cover ass'y
6. Lead E.V cover ass'y
7. Black lead of Fuse ass'y
8. White lead of Fuse ass'y
9. No connect

(6) Fixing of E.V cover sealer C



COOLING UNIT

SJ-48H

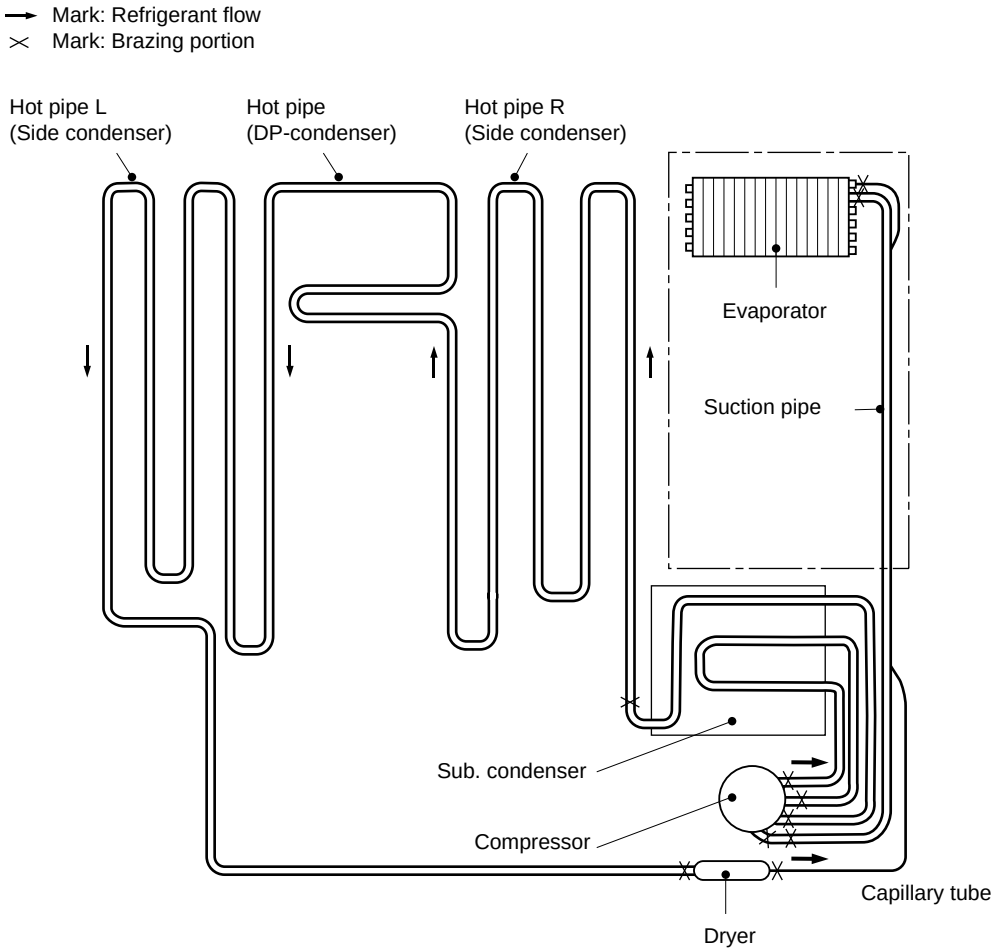


Figure C-1. Cooling unit

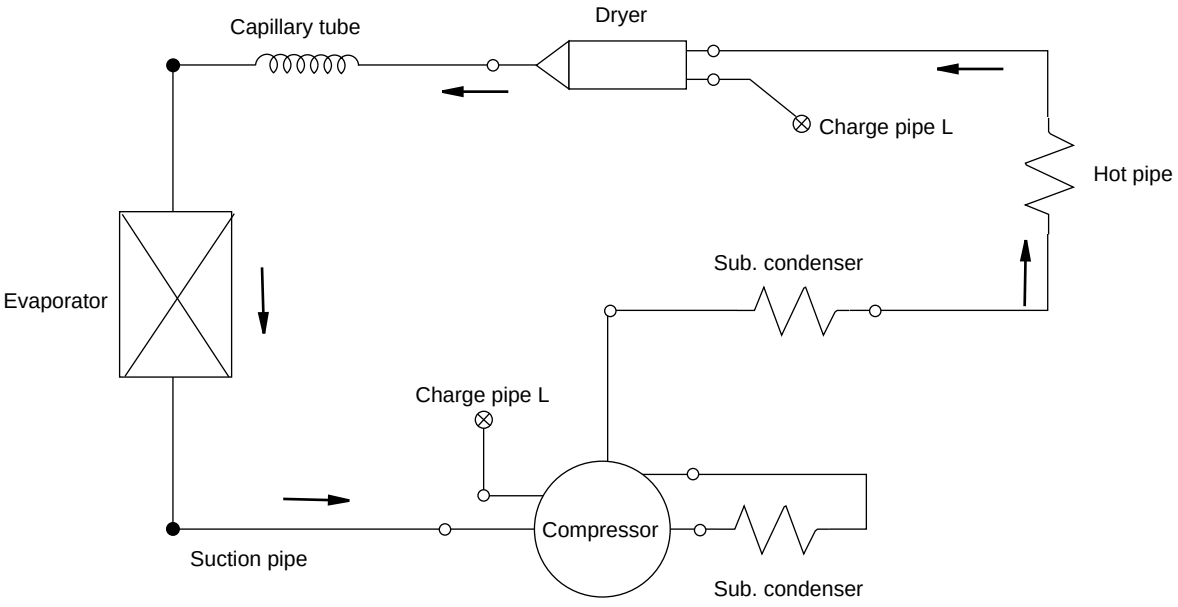


Figure C-2. Location

SJ-51H, SJ-55H

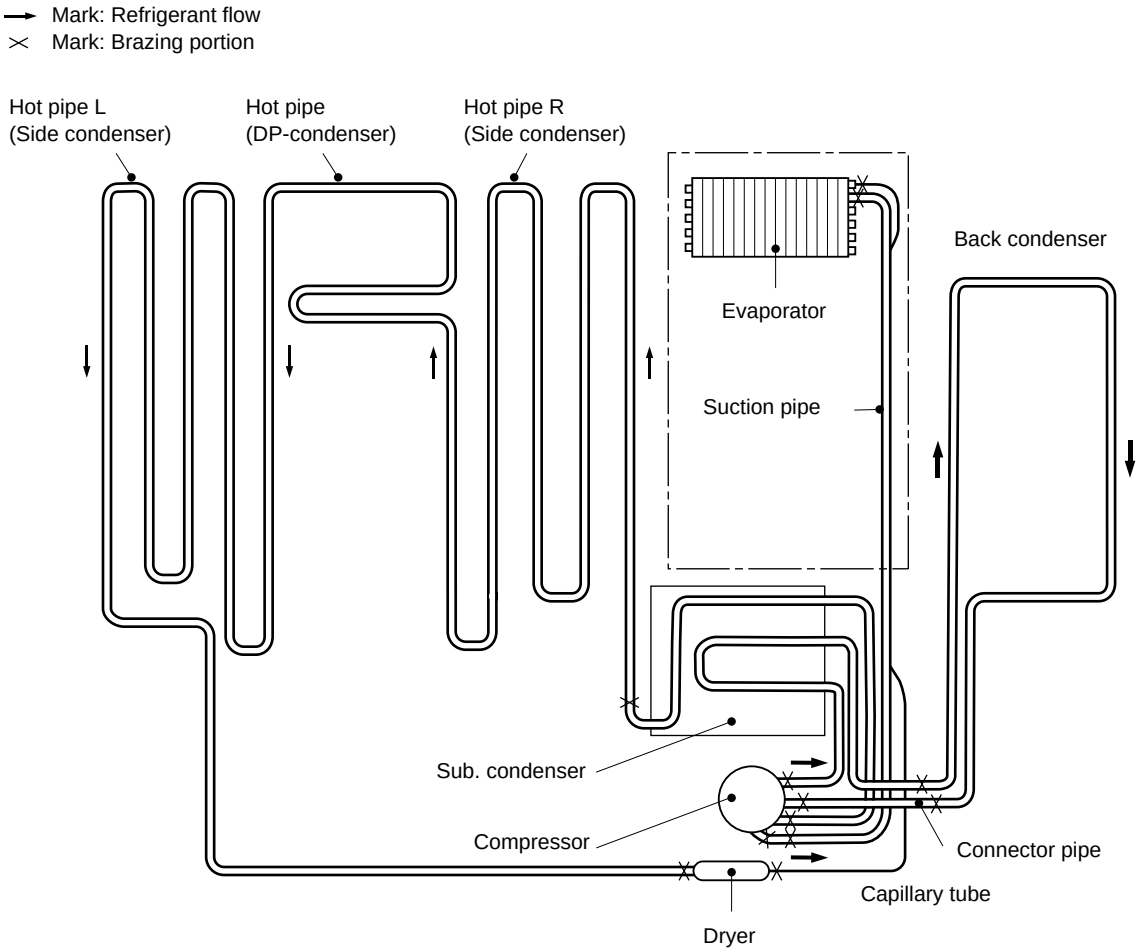


Figure C-3. Cooling unit

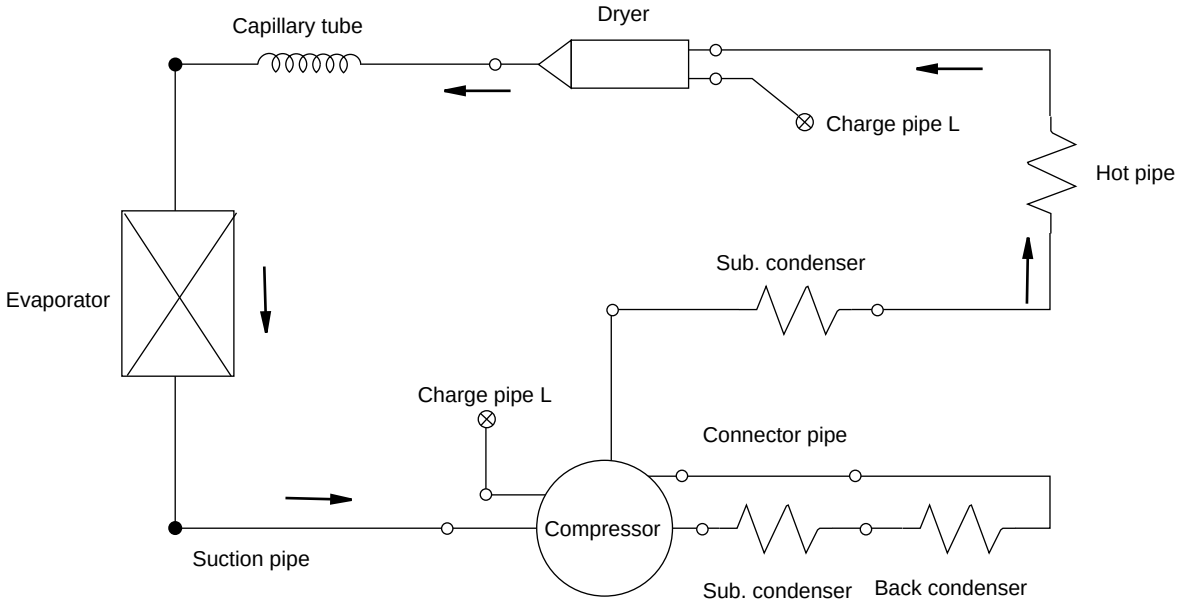


Figure C-4. Location

REPLACEMENT PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	Q'TY			CODE
			SJ-48H	SJ-51H	SJ-55H	
ELECTRIC PARTS						
1- 1	RTHM-A057CBE0	F-thermostat	1	1	1	BA
1- 2	RSTT-A126CBE0	Starting relay	1	1	1	AS
1- 3	QSWTDA035CBE0	Defrost timer	1	1	1	BB
1- 4	PDMP-A025CBE0	Damper thermostat	1	1	1	AZ
1- 5	FTHM-A012CBK0	Defrost thermo. ass'y	1	1	1	AQ
1- 6	RMOTRA040CBE0	Fan motor	1	1	1	AZ
1- 7	QSOCAA047CBE0	Lamp socket	1	1	1	AN
1- 8	RLMP-A012CBE0	Lamp	1	1	1	AH
1- 9	QACC-A097CBE0	Source cord	1	1	1	AV
1-10	QSW-PA056CBEA	Door switch	1	1	1	AP
1-11	RHOG-A084CBE0	Protector	-	1	1	AN
1-11	RHOG-A091CBE0	Protector	1	-	-	AN
1-15	RC-EZA124CBE0	Running capacitor	1	1	1	AX
1-17	FFS-TA036CBK0	Fuse ass'y	1	1	1	AN
1-19	FW-VZA109CBE0	D timer lead ass'y	1	1	1	AN
1-20	FW-VZA110CBE0	Lead EV-cover ass'y	1	1	1	AP
1-21	FHETBA112CBE0	Def.heater ass'y	1	1	1	AR
1-22	FCNW-A517CBK0	Relay cord S ass'y	1	1	1	AM
1-25	QTAN-A032CBE0	Terminal block	1	1	1	AE
MECHANICAL PARTS						
2- 2	JKNB-A036CBFA	F-temp. control knob	1	1	1	AL
2- 4	LPLTMA404CBE0	FL plate AL.	1	1	1	AD
2- 7	FLEGPA045CBK0	Leg holder L ass'y	1	1	1	AQ
2- 7-1	FAJS-A009CBK0	Adjustable leg ass'y	2	2	2	AD
2- 7-2	LHLD-A354CBM0	Leg holder L	1	1	1	AE
2- 8	FLEGPA046CBK0	Leg holder R ass'y	1	1	1	AQ
2- 8-2	LHLD-A355CBM0	Leg holder R	1	1	1	AE
2-11	PSPAVA078CBEA	Bottom hinge spacer	1	1	1	AD
2-13	DHNG-A281CBM0	Upper hinge ass'y	1	1	1	AH
2-14	DHNG-A283CBM0	Bottom hinge R ass'y	1	1	1	AG
2-15	DHNG-A282CBM0	Center hinge R ass'y	1	1	1	AH
2-16	GCOV-A141CBFA	E. V cover	1	1	1	AV
2-17	LCRA-A010CBE0	Fan clamp	1	1	1	AD
2-19	LHLD-A389CBF0	Motor cushion	2	2	2	AF
2-20	NFANPA011CBF0	Propeller fan 100	1	1	1	AD
2-21	PSEL-B128CBE0	E. V cover sealer A	1	1	1	AD
2-22	PSEL-B129CBE0	E. V cover sealer B	1	1	1	AD
2-23	PSEL-A415CBE0	E. V cover sealer C	1	1	1	AC
2-24	PCOVPA164CBFA	Terminal cover	1	1	1	AE
2-26	PCOV-A151CBFA	Lamp cover	1	1	1	AF
2-27	GCOVPA087CBRA	R-Cbox cover	1	1	1	AT
2-28	HGRL-A149CBRA	Fan louver	1	1	1	AW
2-29	GCOV-A162CBFE	Upper hinge cover	1	1	1	AD
2-31	JKNB-A033CBFA	R-temp. control knob	1	1	1	AD
2-33	LRALPA114CBFA	C-case rail L	1	1	1	AE
2-34	LRALPA115CBFA	C-case rail R	1	1	1	AE
2-36	PCAP-A006CBFJ	Screw cover	1	1	1	AD
2-37	PCAP-A056CBFA	Screw cover B	2	2	2	AC
2-38	PGID-A119CBF0	R-air guider A	1	1	1	AH
2-39	LFRM-A202CBFA	C-box base	1	1	1	AK
2-40	PFPFPA809CBF0	RA-insulation	1	1	1	AD
2-41	PSEL-B244CBE0	Thermo. cap. sealer	2	2	2	AB
2-42	PGID-A118CBF0	R-air guider B	1	1	1	AG
2-49	LSTPPA074CBFA	C-stopper	2	2	2	AD
2-55	HGRL-A134CBFA	Multi louver	-	1	1	AL
2-55	HGRL-A135CBFA	Multi louver	1	-	-	AL
2-56	PFPFPA814CBF0	R-louver insu.	-	-	1	AE
2-56	PFPFPA824CBF0	R-louver insu.	1	-	-	AE
2-56	PFPFPA954CBF0	R-louver insu.	-	1	-	AE
2-57	PSEL-B130CBE0	A-sealer R-louver	-	2	2	AB
2-57	PSEL-B143CBE0	A-sealer R-louver	2	-	-	AC
2-60	LHLD-A391CBE0	SL-5N clip	1	1	1	AD
2-61	LHLD-A391CBE0	SL-5N clip	1	1	1	AD
2-63	LHLD-A388CBF0	Fan motor cushion B	1	1	1	AE
2-64	LHLD-A392CBF0	Fan motor cushion A	1	1	1	AE
2-65	PSEL-B259CBE0	Motor cushion	2	2	2	AD
2-66	PSHEMA132CBP0	Heater cover AL	1	1	1	AD
2-67	LPLTMA403CBP0	Drain support AL	1	1	1	AL
2-70	PSEL-B167CBE0	E. V cover sealer E	1	1	1	AB
2-71	PSEL-A552CBE0	Dial sealer	1	1	1	AC
2-72	PSEL-B120CBE0	A-sealer RC-box	1	1	1	AB
2-73	PSEL-B121CBE0	A-sealer RC-duct	1	1	1	AD

REF. NO.	PART NO.	DESCRIPTION	Q'TY			CODE
			SJ-48H	SJ-51H	SJ-55H	
2-74	PSEL-B122CBE0	A-sealer thermo. cap.	1	1	1	AB
2-75	PSEL-B124CBE0	A-sealer air guid. B	1	1	1	AB
2-76	LHLD-A124CBFB	K-frame holder	1	1	1	AH
2-78	LPLTMA399CBP0	Dryer support	1	1	1	AD
2-79	LBND-A019CBE0	Nylon band	3	3	3	AB
2-80	PBOX-A071CBFA	Terminal box	1	1	1	AE
2-81	PPIPPA069CBE0	Drain pipe S	1	1	1	AH
2-82	PTUBBA058CBE0	Insulating tube	1	1	1	AE
2-83	PSEL-B242CBE0	A-sealer air guid. C	3	3	3	AC
2-84	PSEL-B243CBE0	A-sealer air guid. D	1	1	1	AD
2-86	LBND-A026CBE0	Nylon band	1	1	1	AD
		DOOR PARTS				
3- 5	FDORFA869CBK0	F-door ass'y	1	1	1	BP
3- 5-1	LSTPMA008CBM0	F-door stopper R	1	1	1	AD
3- 5-2	NBRGPA013CBFB	Nylon bearing 2	1	1	1	AH
3- 5-3	LSTPPA082CBFA	FD-stopper spring R	1	1	1	AD
3- 6	FPACGA204CBK0	F-door packing	1	1	1	AZ
3- 9	GLIN-A145CBFA	F-door liner	1	1	1	AX
3-10	PFPFPA810CBE0	F-liner plate	2	2	2	AD
3-12	PFPFPA852CBE0	F-liner plate bottom	1	1	1	AD
3-14	PSEL-B126CBE0	F-door sealer	3	3	3	AG
3-15	FDORRA740CBK0	R-door ass'y	-	1	-	BS
3-15	FDORRA743CBK0	R-door ass'y	-	-	1	BS
3-15	FDORRA744CBK0	R-door ass'y	1	-	-	BQ
3-15-1	LSTP-A058CBM0	R-door stopper R	1	1	1	AF
3-15-2	NBRGPA022CBFA	Nylon bearing 3S	1	1	1	AC
3-15-3	LSTPPA084CBFA	RD-stopper spring R	1	1	1	AD
3-15-4	PCAP-A055CBFA	Bearing cap	1	1	1	AB
3-16	GLIN-A146CBFA	R-door liner	-	1	-	BE
3-16	GLIN-A147CBEA	R-door liner	-	-	1	BA
3-16	GLIN-A148CBEA	R-door liner	1	-	-	AX
3-17	FPACGA205CBK0	R-door packing	-	1	-	BB
3-17	FPACGA206CBK0	R-door packing	-	-	1	BA
3-17	FPACGA207CBK0	R-door packing	1	-	-	AZ
3-20	PFPFPA811CBE0	R-liner plate	-	2	-	AF
3-20	PFPFPA819CBE0	R-liner plate	-	-	2	AG
3-20	PFPFPA822CBE0	R-liner plate	2	-	-	AF
3-25	HBDGDA759CBEC	Badge	1	1	1	AM
		OTHER PARTS				
4- 1	LBND-A023CBE0	L-band C	5	5	5	AC
4- 3	LX-VZA003CBE0	Special screw	2	2	2	AB
4- 9	QTAN-A012CBE0	Solderless term. B	3	3	3	AH
4-14	LX-WZA013CBE0	Hinge washer	1	1	1	AB
4-15	LX-BZA018CBE0	Special screw	1	1	1	AA
4-17	LX-WZA003CBE0	Washer	4	4	4	AA
		ATTACHMENT PARTS				
5- 1	UPOK-A120CBRA	Bottle pocket HS	2	2	2	AQ
5- 2	UPOK-A117CBRA	Egg pocket HS	1	1	1	AM
5- 3	UPOK-A119CBRA	F door pocket HS	2	2	2	AT
5- 4	UPOK-A118CBRA	Utility pocket HS	1	1	2	AM
5- 5	UTNA-A167CBFC	Egg tray	2	2	2	AG
5- 6	FSRA-A149CBY0	Ice cube maker	1	1	1	AU
5- 7	LFRM-A200CBFA	Ice maker	1	1	1	AW
5- 9	USRA-A180CBFA	Freezer tray L	1	1	1	AX
5-11	USRA-A179CBFA	Freezer tray S	1	1	1	AX
5-12	HDECQA360CBEA	Glass shelf trim	1	1	1	AK
5-13	HGRL-A151CBFE	Ventilating grille	1	1	1	AR
5-14	USRA-A177CBFA	Evaporating pan	1	1	1	AS
5-15	UTNA-A227CBE0	Glass shelf	1	1	1	BB
5-16	UYOK-A180CBFA	Vegetable case	1	1	1	AZ
5-17	UYOK-A087CBFF	Ice storage box	1	1	1	AM
5-18	UYOK-A179CBFA	Chilled case	1	1	1	AS
5-19	GDORPA042CBRA	Chilled door HS	1	1	1	AP
5-20	UTNA-A230CBFA	Free set shelf F	1	1	1	AV
5-21	UTNA-A229CBFA	Free set shelf B	1	1	1	AS
5-24	FSRA-A160CBK0	Ref. tray L ass'y	1	1	2	BB
5-25	FSRA-A161CBK0	Ref. tray ass'y	-	1	1	BA
5-26	PCAP-A053CBEE	Venti. grille cap	1	1	1	AE
		CYCLE PARTS				
6- 1	PCMPLA130CBE0	Compressor	-	1	1	CA

REF. NO.	PART NO.	DESCRIPTION	Q'TY			CODE
			SJ-48H	SJ-51H	SJ-55H	
6- 1	PCMPLA134CBE0	Compressor	1	-	-	BY
6- 2	PSPAGA028CBE0	Rubber grommet	4	4	4	AD
6- 3	FCONSA051CBK0	Sub. condenser ass'y	-	1	1	AR
6- 3	FCONSA052CBK0	Sub. condenser ass'y	1	-	-	AP
6- 4	FFRM-A085CBK0	Base frame ass'y	1	1	1	AG
6- 5	FDRY-A006CBK0	Dryer ass'y	1	1	1	AX
6- 6	PCLI-A035CBE0	Clip	1	1	1	AC
6- 9	PSPAFA020CBE0	Sleeve	4	4	4	AB
6-12	LANG-A024CBP0	Absorbent rubber CLM	1	1	1	AC
6-13	LHLD-A061CBF0	Evaporating pan holder	2	2	2	AD
6-14	PGUM-A002CBF0	Absorbent rubber B	1	1	1	AH
6-15	PGUM-A003CBF0	Absorbent rubber B	1	1	1	AH
6-16	PGUM-A004CBF0	Absorbent rubber A	1	1	1	AH
6-18	PPIPCA222CBE0	Charge pipe L	2	2	2	BC
6-21	PCOVPA165CBE0	Terminal cover	1	1	1	AF
6-25	PPIP-A066CBE0	Connector pipe	-	1	1	AG

MISCELLANEOUS

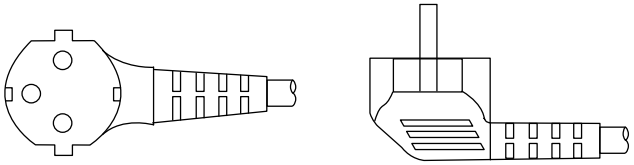
90-1	TINS-A388CBR0	Operation manual	1	1	1	AF
90-2	TLAB-A092CBR0	Lamp label	1	1	1	AD
90-3	SPAKCH396YDE0	Packing case 51H	-	1	-	BF
90-3	SPAKCH399YDE0	Packing case 55H	-	-	1	BH
90-3	SPAKCH401YDE0	Packing case 48H	1	-	-	BF
90-5	TLAB-A617CBE0	Case label WH	4	4	4	AD
90-6	CPADBA501YDK0	Bottom pad ass'y	1	1	1	AY
90-7	CPADBA495YDK0	Top pad ass'y	1	1	1	AS

HOW TO ORDER REPLACEMENT PARTS

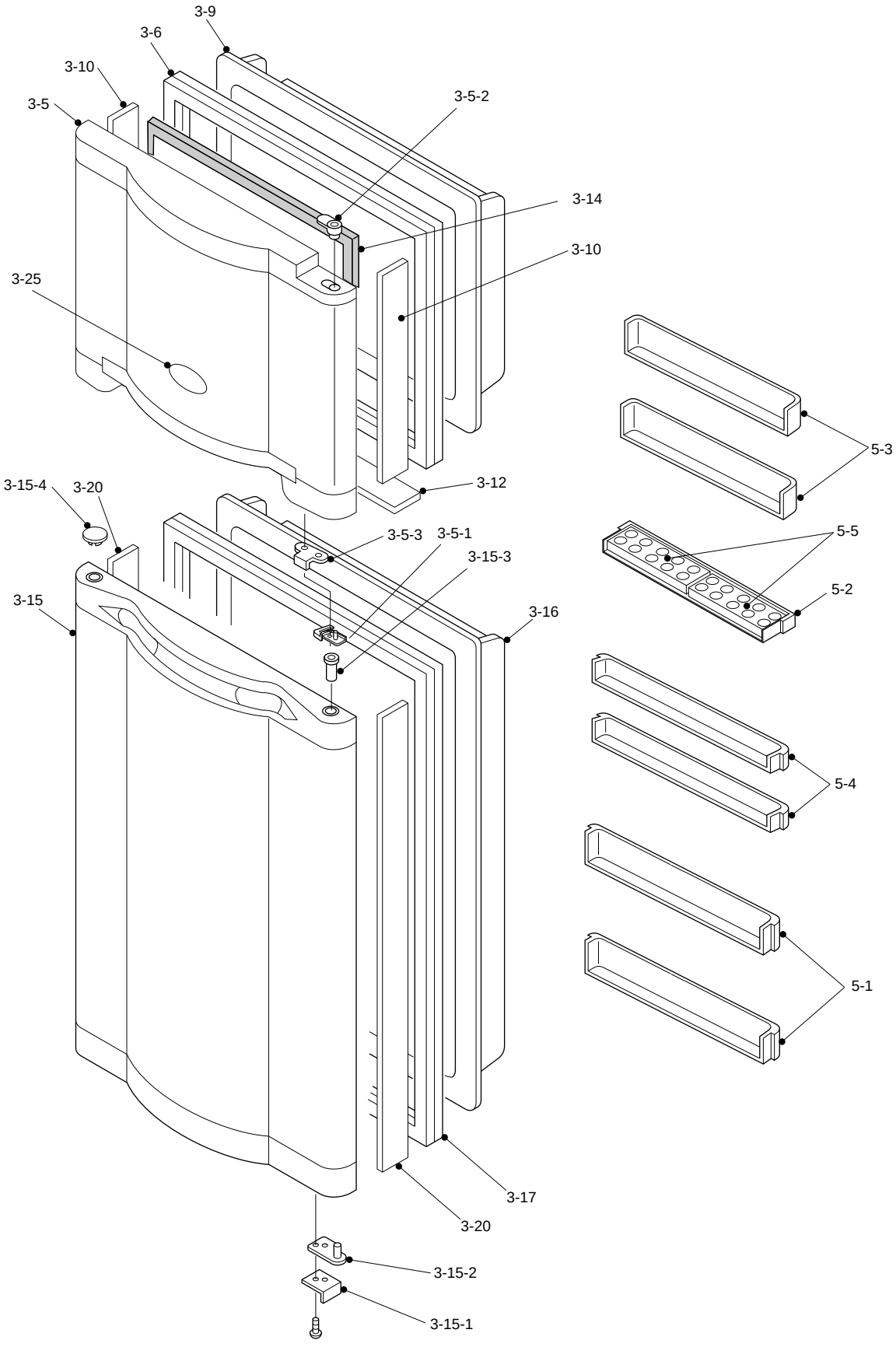
To have your order filled prompty and correctly, please furnish the following information.

1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION

● PLUG TYPE

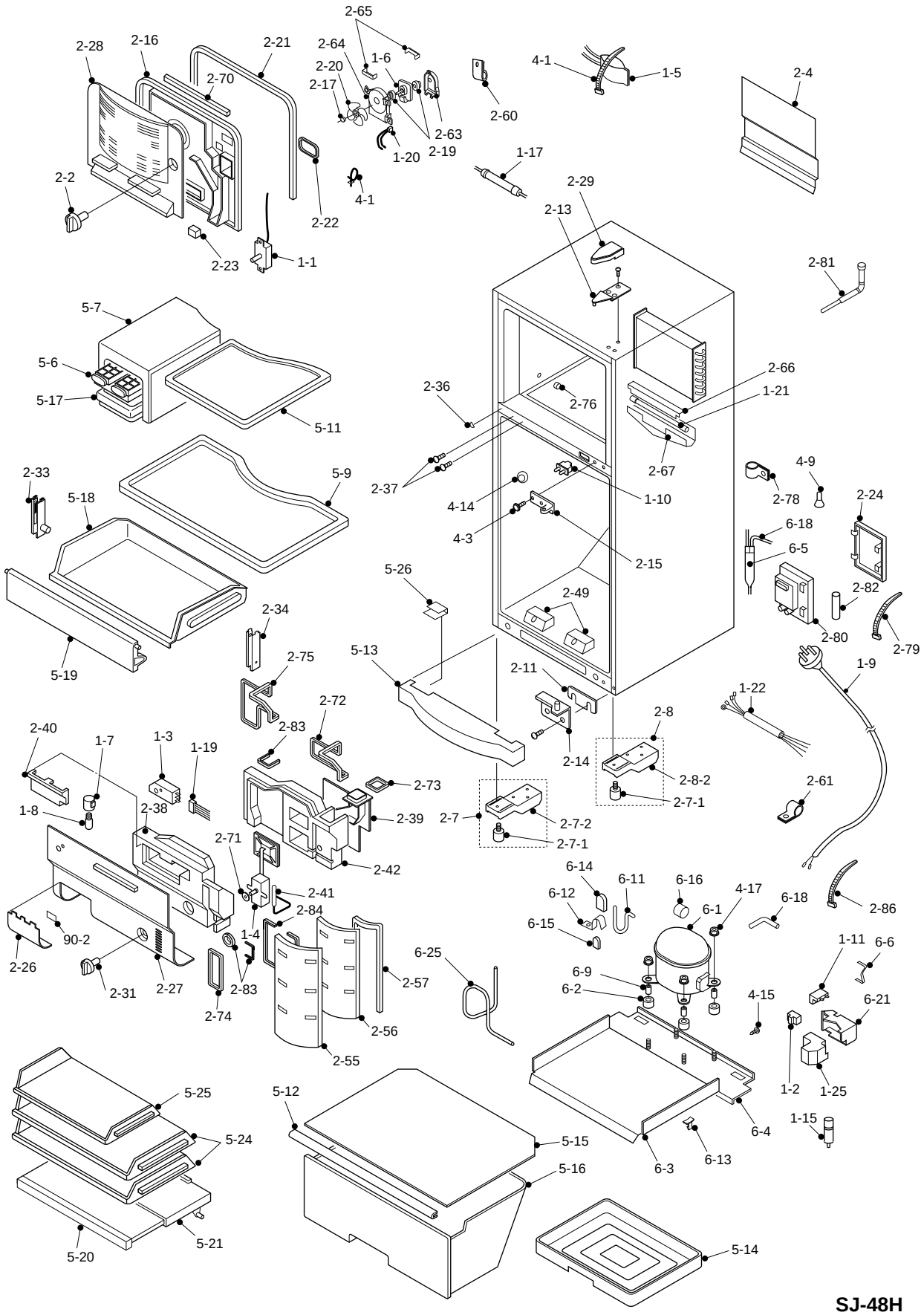
Type	Plug	Section of Power Supply Cord	Destination
CS			O

DOOR PARTS



SJ-48H
SJ-51H
SJ-55H

CABINET PARTS



SJ-48H
SJ-51H
SJ-55H

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